

**SECTION 01011****SITE CONDITIONS****PART 1 - GENERAL****1.01 SITE INVESTIGATION AND REPRESENTATION**

- A. The Contractor shall satisfy himself as to the nature and location of the work, the general and local conditions, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, roads, and uncertainties of weather, the conformation and conditions at the ground, the type of equipment and facilities needed preliminary to and during the prosecution of the work and all other matters which can in any way affect the work or the cost thereof.
- B. The Contractor further acknowledges that he has satisfied himself as to the character, quality, and quantity of surface and subsurface materials to be encountered from inspecting the site and from evaluating information derived from exploratory work that may have been done by the Department or included in these specifications.

**1.02 INFORMATION ON SITE CONDITIONS**

Where applicable, all information obtained by the Department regarding the site conditions, topography, subsurface information, ground water elevations, existing construction of site facilities as applicable, and similar data will be available for inspection at the office of the Engineer upon request. Such information is offered as supplementary information only. The Department assumes no responsibility for the completeness or for the Contractor's interpretation of such supplementary information. Where applicable, a log of test borings showing a record of the data obtained on subsurface conditions shall be made available to the Contractor for reference only.

**1.03 SUBSURFACE INFORMATION**

- A. The design and construction methods proposed for the execution of this project shall take into consideration geotechnical conditions at the project site.
  - 1. A minimum of 3 soil borings should be positioned into the competent bearing stratum and below the outside bottom of the structure (i.e. of a lift station), at least 1 to 2 times the minimum outside planimetric dimension of the structure and a minimum of 20 feet.
  - 2. At least one boring should be positioned below the foundation of the lift station at a minimum depth equivalent to the longest planimetric dimension of the lift station or 20 feet, whichever is greatest.
  - 3. Unless indicated by special site considerations, evaluation of soil corrosion is not required.
  - 4. Foundations should be designed using recommendations from a geotechnical engineer licensed to practice in the State of Florida.
  - 5. For pipelines greater than 24-inches in diameter, soil borings shall be taken at a minimum of 500 foot intervals and shall extend a minimum of ten feet below the flowline of the pipe.

#### 1.04 EXISTING UTILITIES

- A. Where the Department provides any information for known utilities and structures adjacent to or encountered in the work, the locations shown or provided are taken from existing records and the best information available from existing plans. However, it is expected that there may be some discrepancies and omissions in the locations and quantities of such utilities. Such information are only provided for the convenience of the Contractor, and no responsibility is assumed by either the Department for their accuracy or completeness.
- B. The Contractor shall be required to fully comply with Florida Statute 556, "Underground Facility Damage Prevention and Safety Act". (See Article 1.02C of Section 01016)

#### 1.05 INTERFERING STRUCTURES

The Contractor shall take necessary precautions to prevent damage to existing structures whether on the surface, above ground, or underground. All attempts shall be made to show major structures on the Drawings.

#### 1.06 RELOCATION OF EXISTING UTILITIES

- A. The relocation of existing utilities will not be the responsibility of the Department. The Developer's Engineer of Record shall show all required relocations of existing utilities on the Plans for the Project. Where applicable, this work shall be completed by either the forces of the existing utility or the Contractor's forces, at the discretion of the responsible utility. If the work is to be performed by the Contractor, all work shall be done in accordance with the utility company's requirements.
- B. The Contractor shall also be responsible for the coordination of all existing utility relocations with the appropriate utilities. Where temporary supports or protective encasements are required during the construction, the Contractor shall be responsible for this work.
- C. Various storm sewer lines and inlets that conflict with the proposed construction may require adjustment, relocation or removal and reinstallation.
- D. Where relocation of existing utilities are required, representatives of corresponding utility companies, the traffic and transportation authorities, etc., shall be notified in accordance with the provisions set forth in the relevant Sections of the Specifications and the permitting documents.

#### **PART 2 - PRODUCTS** (Not Used)

#### **PART 3 - EXECUTION** (Not Used)

END OF SECTION